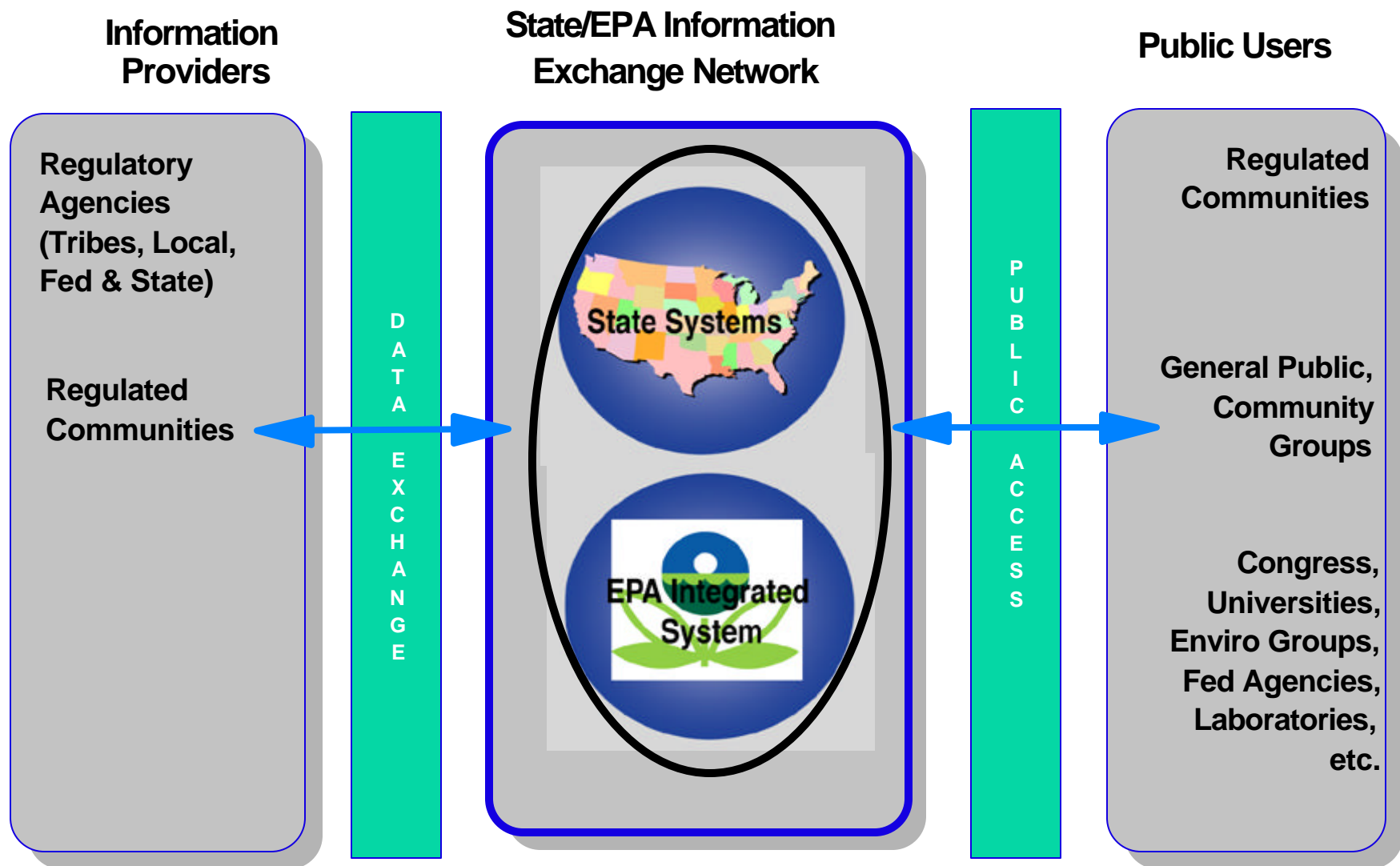


NEIS Presentation -- December 6, 2000

**Building a National
Environmental
Information Exchange
Network -- The State-EPA
Approach to Environmental
Information Integration**

**Mark Badalamente
EPA Office of Environmental Information
(202) 564-7290**

National Environmental Information Exchange Network: Vision



Information Integration Partnership -- Three Primary Dimensions

National Environmental Information Exchange Network

Information Exchange Network

- Help create, sustain, and grow the network
- Establish interagency management function
- Provide infrastructure support
- Establish information exchange protocols

Partner Support

- Support States capacity to participate in network
- Support collaborative state knowledge/technology sharing
- Work with other partners

Internal EPA Information Network

- Position EPA as a Nat'l Network Node
- Establish internal information network
- Address emerging information needs
- Build corporate information management

Information Integration Partnership:

EPA's Internal Integration is a Key Component

Information Exchange Network

- Help create, sustain, and grow the network
- Establish interagency management function
- Provide infrastructure support
- Establish information exchange protocols

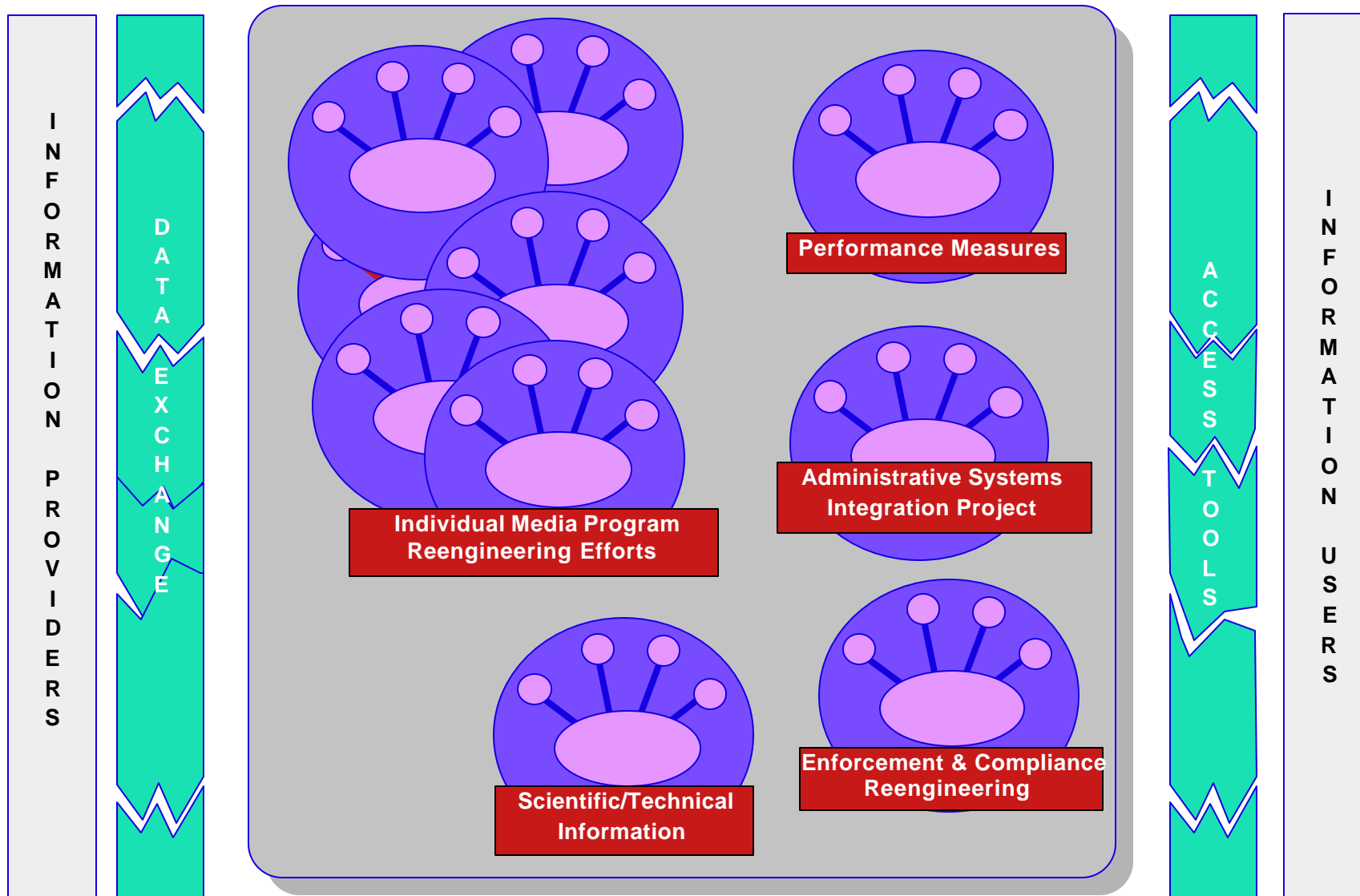
Partner Support

- Support States capacity to participate in network
- Support collaborative state knowledge/technology sharing
- Work with other partners

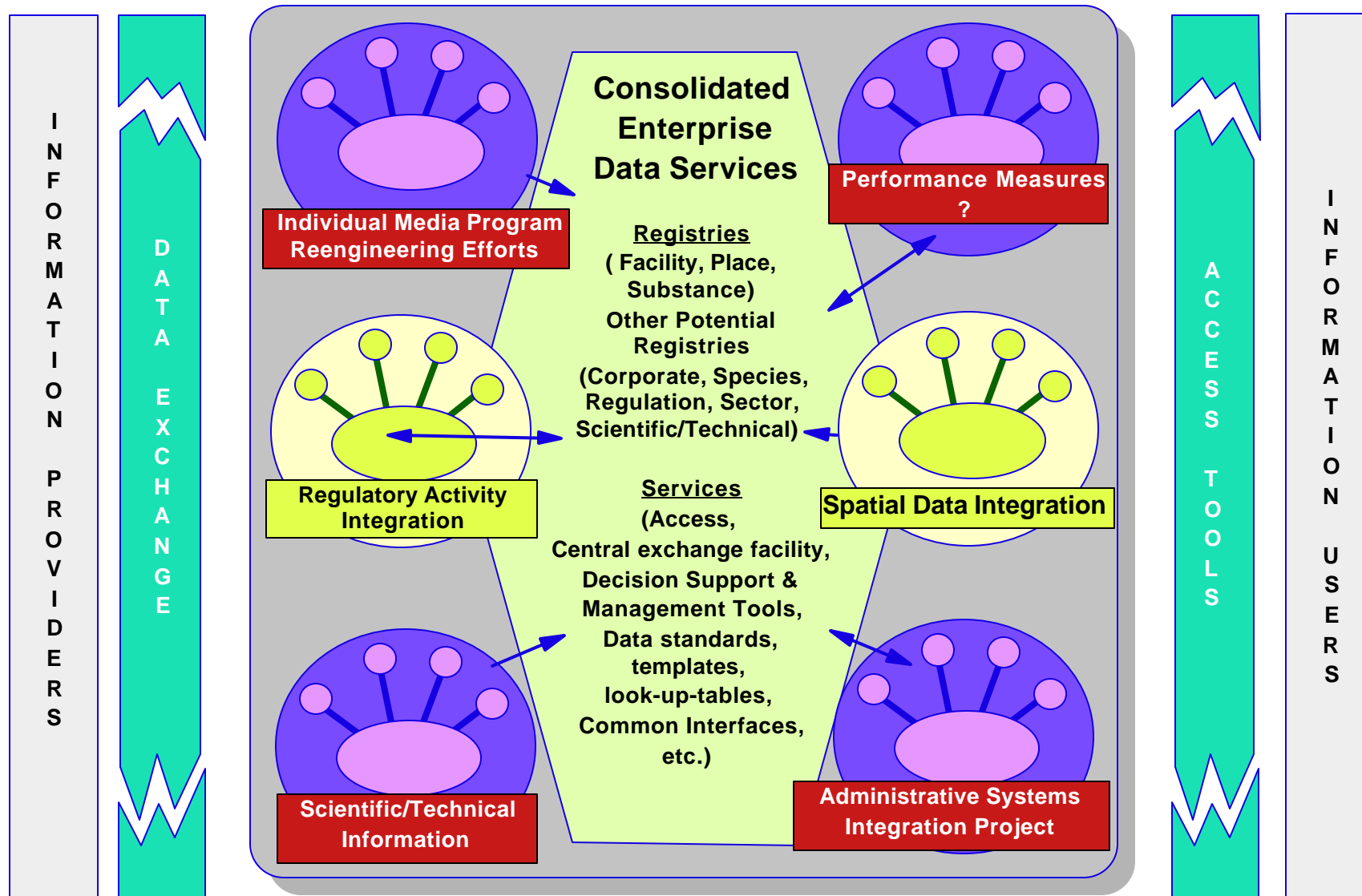
Internal EPA Information Network

- Position EPA as a Nat'l Network Node
- Establish internal information network
- Address emerging information needs
- Build corporate information management

EPA Internal Information Network: Today



Vision of Integrated EPA Internal Information Network



There are nine components:

- ▲ An effective Central Data Exchange (CDX)
- ▲ Agency-wide Registries
- ▲ Decision Support Tools
- ▲ An integrated system of access
- ▲ Geospatial Network
- ▲ Data standards/metadata
- ▲ Enterprise architecture
- ▲ Exchange network
- ▲ Revamped, integrated systems: programs, regions

National Environmental Information Exchange Network:

A Strong Focus on Partnership

Information Exchange Network

- Help create, sustain, and grow the network
- Establish interagency management function
- Provide infrastructure support
- Establish information exchange protocols

Partner Support

- Support States capacity to participate in network
- Support collaborative state knowledge/technology sharing
- Work with other partners

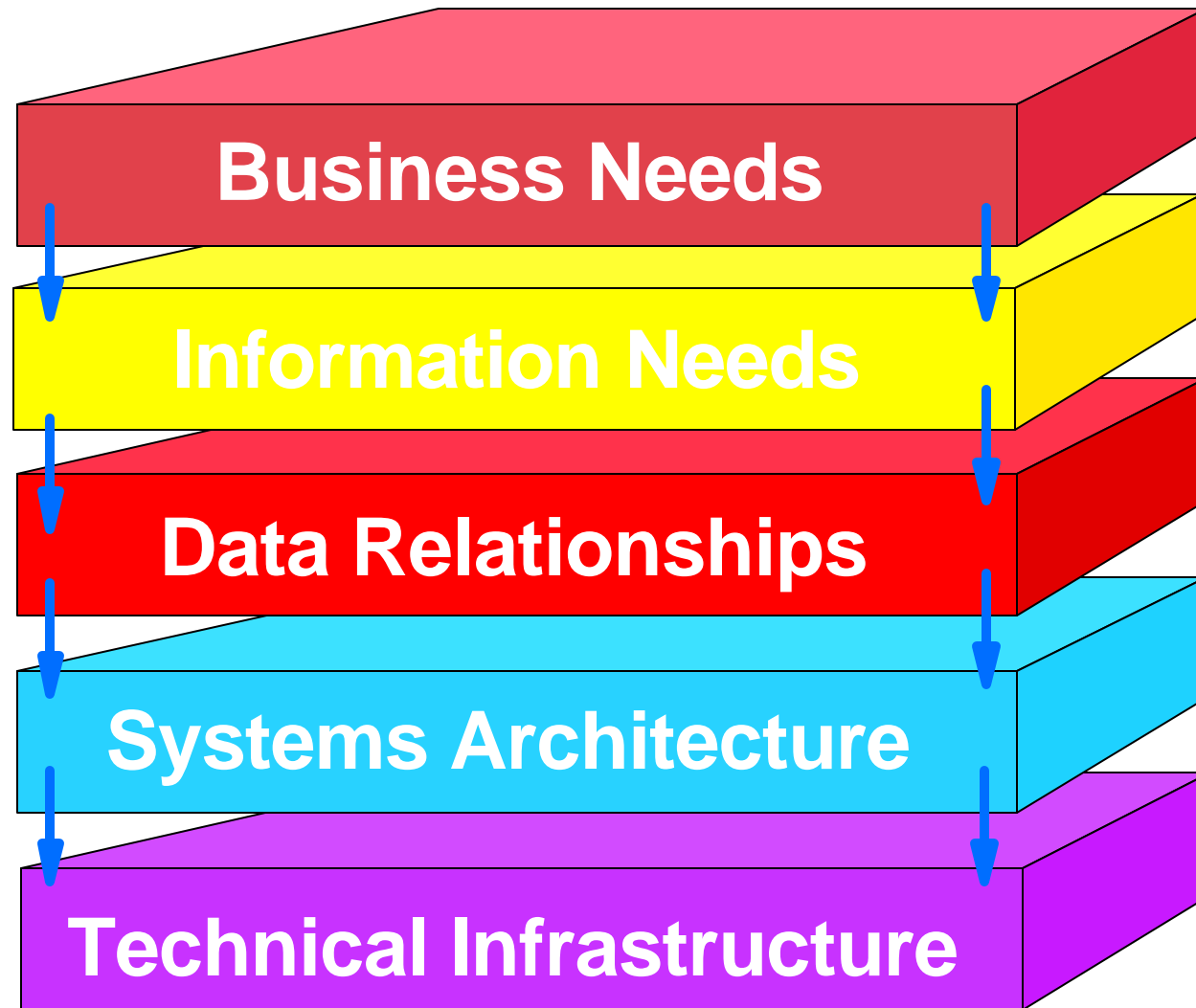
Internal EPA Information Network

- Position EPA as a Nat'l Network Node
- Establish internal information network
- Address emerging information needs
- Build corporate information management

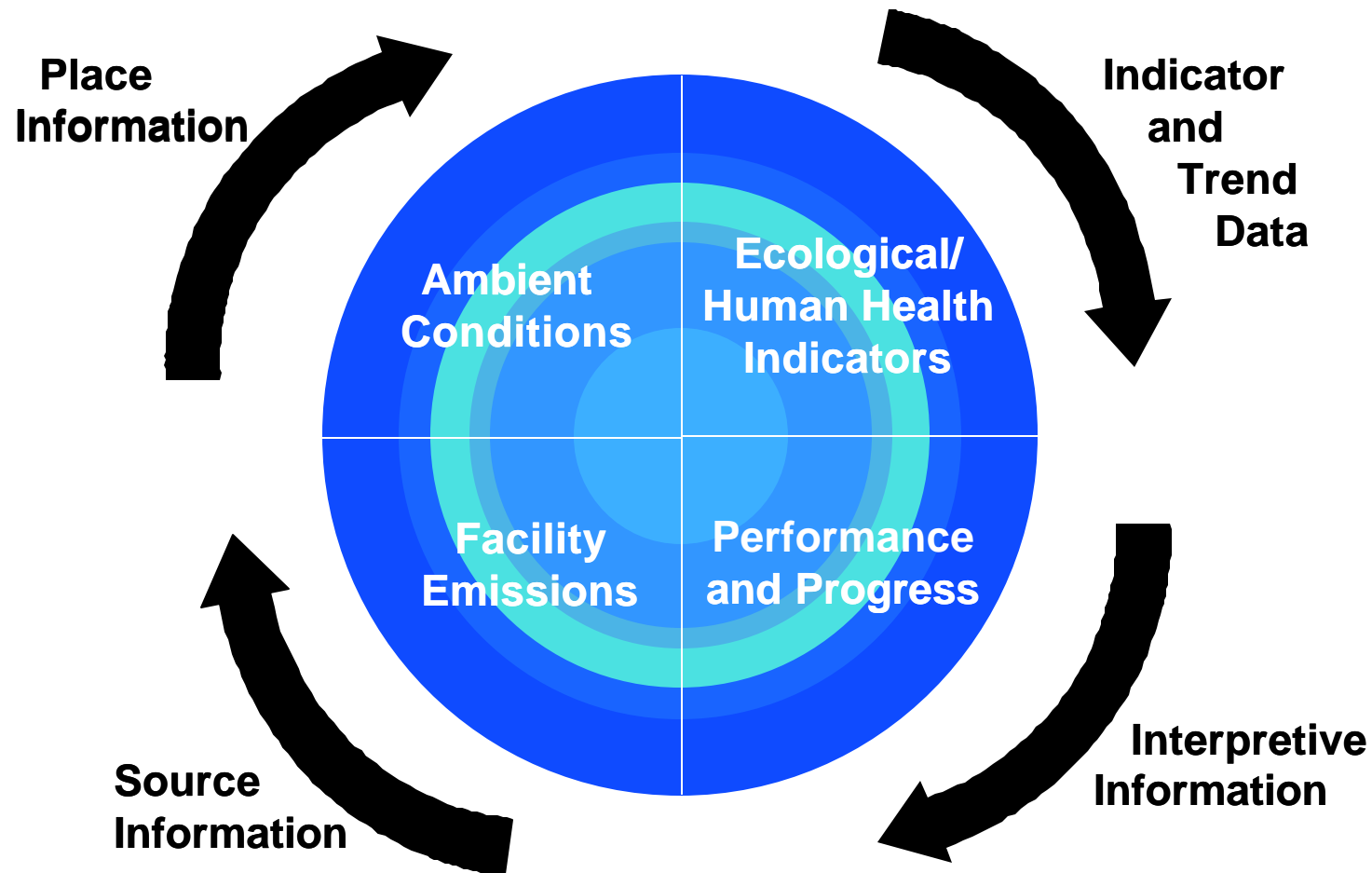
Working with partners:

- ▲ Perhaps the most critical element of the effort
- ▲ includes:
 - Developing a Blueprint for the Exchange Network through an EPA-State workgroup
 - Coordinating the Agency's other program efforts to work with States to modernize and integrate -- strong regional and program office roles
 - Working with other partners beyond States,
 - Supporting collaborative state development & knowledge/technology sharing

Integrating EPA's Internal Network Requires Efforts at Multiple Levels



Integration Implementaion Paths



Target: A Continuum of Data and Information

National Environmental Information Exchange Network: Vision

